

The diagram illustrates a network architecture 100. At the top, a **Control Component 200** is connected to a horizontal line 350. Below this line are three **Forwarding Components**: **Forwarding Component 300**, **Forwarding Component 400**, and **Forwarding Component 500**. Forwarding Component 300 contains a sub-component 360. These components are interconnected by a series of horizontal lines with arrows, representing data flow. Specifically, there are bidirectional connections between 300 and 400, and between 400 and 500, and a unidirectional connection from 300 to 500. Below Forwarding Component 300 is **Host Sun 700**, and below Forwarding Component 500 is **Host moon 600**. Various numbered labels (1-8) point to specific elements: 1 points to the connection between 300 and 700; 2 points to the interface of 300; 3 points to the connection between 400 and 500; 4 points to the interface of 400; 5 points to the interface of 500; 6 points to the connection between 500 and 600; 7 points to the interface of 500; 8 points to the connection between 500 and 600. A dashed line 100 encloses the forwarding components and their interconnections.

FIG. 2